



## THC225XHDIR

Speed dome IR HDCVI 1080p, CMOS 1/2.8", 2-3DNR, 25x, 4.8~120mm, led 100mt  
2/1 IO allarmi, DC 12V/3A, IP66

|                          |  |
|--------------------------|--|
| Image Sensor             | 1/2.8" STARVIS™ CMOS   |
| Effective Pixels         | 1920(H) x 1080(V), 2 Megapixels  |
| Scanning System          | Progressive  |
| Electronic Shutter Speed | PAL: 1/3s~1/30,000s<br>NTSC: 1/4s~1/30,000s  |
| Minimum Illumination     | Color: 0.005Lux@F1.6; 0Lux@F1.6 (IR on)  |
| S/N Ratio                | More than 55dB   |
| IR Distance              | Distance up to 100m (328ft)  |
| IR On/Off Control        | Auto/Manual  |
| IR LEDs                  | 6  |
| Focal Length             | 4.8mm~120mm  |
| Max. Aperture            | F1.6 ~ F4.4  |
| Angle of View            | H: 59.2° ~ 2.4°  |
| Optical Zoom             | 25x  |
| Focus Control            | Auto/Manual  |
| Close Focus Distance     | 100mm~ 1000mm  |
| Pan/Tilt Range           | Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°                                       |
| Manual Control Speed     | Pan: 0.1° ~200° /s; Tilt: 0.1° ~120° /s  |
| Preset Speed             | Pan: 240° /s; Tilt: 200° /s  |
| Presets                  | 300  |
| PTZ Mode                 | 5 Pattern, 8 Tour, Auto Pan ,Auto Scan   |
| Speed Setup              | Human-oriented focal Length/ speed adaptation  |
| Power up Action          | Auto restore to previous PTZ and lens status after power failure                               |
| Idle Motion              | Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period            |
| Protocol                 | DH-SD, Pelco-P/D (Auto recognition)  |
| Resolution               | 1080P(1920x1080)/720P(1280x720)  |
| Frame Rate               | 25/30fps@1080P, 25/30/50/60fps@720P  |
| Video Output             | 1-channel BNC high definition video output/ CVBS standard definition video output (switchable) |
| Day/Night                | Auto(ICR) / Color / B/W  |
| OSD Menu                 | Support  |
| Backlight Compensation   | BLC / HLC / WDR (120dB)  |
| White Balance            | Auto, ATW, Indoor, Outdoor, Manual   |
| Gain Control             | Auto / Manual  |
| Noise Reduction          | Ultra DNR (2D/3D)  |
| Digital Zoom             | 16x  |
| Flip                     | 180°   |
| Privacy Masking          | Up to 24 areas   |

|                      |   |
|----------------------|---|
| Video Interface      | 1   |
| Audio Interface      | 1 channel in                                    |
| RS485                | 1   |
| Alarm I/O            | 2/1   |
| Power Supply         | DC 12V/3A                                       |
| Power Consumption    | 13W,20W (IR on)                                 |
| Operating Conditions | 40°C ~ 70°C (-40°F ~ +158°F) / Less than 90% RH |
| Ingress Protection   | IP66  |
| Dimensions           | F160(mm) x 295(mm)                              |



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